

## CLAIMS

1. A loudspeaker system comprising a woofer, a midrange speaker, and a tweeter  
5 support means having a mounting member shaped to be received in a plane in an opening in a wall or ceiling  
means mounting the woofer on the support means with the axis of the woofer at an acute angle to the plane,  
means securing the speaker and tweeter intermediate the woofer and plane,  
10 each at an angle non-parallel to the acute angle of the woofer and at an acute angle to the plane.
2. A loudspeaker system as set forth in claim 1 having a baffle extending from the woofer toward the plane.  
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3. A loudspeaker system as set forth in claim 2 having a baffle for the midrange speaker and tweeter intermediate the woofer baffle and the midrange speaker and tweeter with the baffle shaped to direct tweeter and midrange speaker sounds angular to the primary direction of sound emanating from the woofer.  
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4. A loudspeaker system as set forth in claim 3 wherein the woofer baffle is a frusto conic baffle with one end secured to the face plane of the woofer.
5. A loudspeaker system as set forth in claim 4 wherein the mounting  
25 member comprises an annular member,  
a grill cover extending across and secured to the annular member, said support means including a support housing the woofer baffle.
6. A loudspeaker system as set forth in claim 4 wherein the mounting  
30 member comprises an annular member and having means for rotating the woofer, midrange speaker and tweeter with respect to the mounting member.

7. A loudspeaker system as set forth in claim 4 wherein the baffle for the midrange speaker and tweeter is partially between the woofer and the midrange speaker and tweeter.

5 8. A loudspeaker system comprising a woofer, a midrange speaker and a tweeter, means supporting the woofer, speaker and tweeter for mounting within a structure having a surface with an opening therein with one side of the system essentially flush with the opening, means positioning the woofer within the structure with its axis at an acute angle to the surface, means positioning the speaker and  
10 tweeter intermediate the surface and the woofer with the axis of each of the speaker and tweeter at an acute angle to surface which angle is non-parallel to the angle of the woofer.

9. A loudspeaker system as set forth in claim 1 having means for relative  
15 axial rotation of said support means and said woofer mounting means.

10. A loudspeaker system as set forth in claim 1 wherein said woofer, midrange speaker and tweeter are secured in fixed rotation to one another to said mounting means,  
20 and means for rotating said support means and said means mounting said woofer relative to one another.